E-OPTICAL SHOP INVENTORY MANAGEMENT

A PROJECT REPORT

Submitted by

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In partial fulfilment for the award of the degree

Of

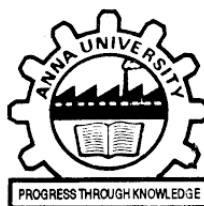BACHELOR OF ENGINEERING

IN

COMPUTER SCIENCE AND ENGINEERING

KRISHNASAMY

COLLEGE OF ENGINEERING AND TECHNOLOGY

CUDDALORE-607109.

ANNA UNIVERSITY :: CHENNAI 600 025

JUNE 2022

ABSTRACT

E-Optical shop management system is an online shopping project for purchasing optical glasses, frames and other eye wears. This is a web application it contains most of the features of an Online Shopping Website. This application runs over the internet. So, it is available for customer 24X7. They can shop anytime and from anywhere. Payment option is through credit card and COD(Cash on Delivery). This system also maintains stock of all the products being sold online. Now customers do not need to visit optical store. They can buy optical products online.

LIST OF FIGURES

LIST OF ABBREVIATIONS

1. PHP : Hypertext pre processor
2. JSP : JavaScript
3. E-OPTICALS : Electronic Opticals
4. ROM : Read only memory
5. MYSQL : My Structure Query Language
6. HTML : Hyper Text Markup Language
7. CSS : Cascading Style Sheet

CHAPTER 1

1.INTRODUCTION:

Business is one of the most important economy generators for each country and since the dawn of the twentieth century, all business companies turned to technology to better improve their business chances and qualities. Thus, such is the reason of the development of this system. This system is developed for the optical business, where it will be implemented in each of the shop outlets of an optical company. The system name is E-Opticals . The system is developed for the purpose of making management much more systematic and efficient.

1.1.EXISTING SYSTEM:

This existing system of buying glasses has several disadvantages. It requires lots of time to travel to the particular shop to buy. It is having lots of manual work. Since everyone is leading busy life now a days, time means a lot to everyone. Also, there are expenses for travelling from house to shop. It is less user-friendly. In current system user must go to shop and order products. It is difficult to identify the required product. More over the shop from where we would like to buy something may not be open 24*7. Hence, we have to adjust our time with the shopkeeper's time or vendor's time. In current system user have to go shop to view the description of the product

1.2. PROPOSED SYSTEM:

The proposed system helps in building a website to buy, sell optical and glasses online using internet connection. Unlike traditional commerce that is carried out physically with effort of a person to go and get glasses. This website has made it easier for human to reduce physical work and to save time. The basic concept of the application is to allow the customer to shop virtually using the Internet and allow customers to buy the glasses of their desire from the store.

CHAPTER 2

2.SYSTEM SPECIFICATION:

2.1. HARDWARE REQUIREMENT:

        PROCESSOR : Intel i3 Processor

        RAM   : 2GB RAM

        HARD DISK : 250 GB

2.2. SOFTWARE REQUIREMENTS :

        FRONT END : HTML, CSS,JAVASCRIPT

        OPERATING SYSTEM : Windows 7/10

        SCRIPTING LANGUAGE : PHP

        DATABASE : MYSQL Server

CHAPTER 3

3.SOFTWARE DESCRIPTION:

3.1 HYPERTEXT PRE-PROCESSOR:

PHP started out as a small open source project that evolved as more and more people found out how useful it was. Rasmus Lerdorf unleashed the first version of PHP way back in 1994.

- PHP is a recursive acronym for "PHP: Hypertext Preprocessor".

- PHP is a server side scripting language that is embedded in HTML. It is used to manage dynamic content, databases, session tracking, even build entire e-commerce sites.

- It is integrated with a number of popular databases, including MySQL, PostgreSQL, Oracle, Sybase, Informix, and Microsoft SQL Server.

- PHP is pleasingly zippy in its execution, especially when compiled as an Apache module on the Unix side. The MySQL server, once started, executes even very complex queries with huge result sets in record setting time.

- PHP supports a large number of major protocols such as POP3, IMAP, and LDAP. PHP4 added support for Java and distributed object architectures (COM and CORBA), making n-tier development a possibility for the first time.

- PHP is forgiving: PHP language tries to be as forgiving as possible.

- PHP Syntax is C-Like.

3.2 JAVASCRIPT:

JavaScript is a lightweight, interpreted programming language. It is designed for creating network-centric applications. It is complimentary to and integrated with Java. JavaScript is very easy to implement because it is integrated with HTML. It is open and cross-platform.

Javascript is a MUST for students and working professionals to become a great Software Engineer specially when they are working in Web Development Domain. I will list down some of the key advantages of learning Javascript:

Javascript is the most popular programming language in the world and that makes it a programmer's great choice. Once you learnt Javascript, it helps you developing great front-end as well as back-end softwares using different Javascript based frameworks like jQuery, Node.JS etc.

Javascript is everywhere, it comes installed on every modern web browser and so to learn Javascript you really do not need any special environment setup. For example Chrome, Mozilla Firefox , Safari and every browser you know as of today, supports Javascript.

Javascript helps you create really beautiful and crazy fast websites. You can develop your website with a console like look and feel and give your users the best Graphical User Experience.

JavaScript usage has now extended to mobile app development, desktop app development, and game development. This opens many opportunities for you as Javascript Programmer.

Due to high demand, there is tons of job growth and high pay for those who know JavaScript. You can navigate over to different job sites to see what having JavaScript skills looks like in the job market.

Great thing about Javascript is that you will find tons of frameworks and Libraries already developed which can be used directly in your software development to reduce your time to market.

There could be 1000s of good reasons to learn Javascript Programming. But one thing for sure, to learn any programming language, not only Javascript, you just need to code, and code and finally code until you become expert.

CHAPTER 4

4.SYSTEM DESIGN:

System design is the process of defining the architecture, modules, interfaces, and data for a system to satisfy specified requirements.

4.1. SYSTEM DESIGN INTRODUCTION:

The purpose of the System Design process is to provide sufficient detailed data and information about the system and its system elements to enable the implementation consistent with architectural entities as defined in models and views of the system architecture

4.2. ARCHITECTURAL DESIGN

Architectural design is the high-level structure. It is an early stage of the system design process. It represents the link between specification and design processes and carried out in parallel with some specification activities.
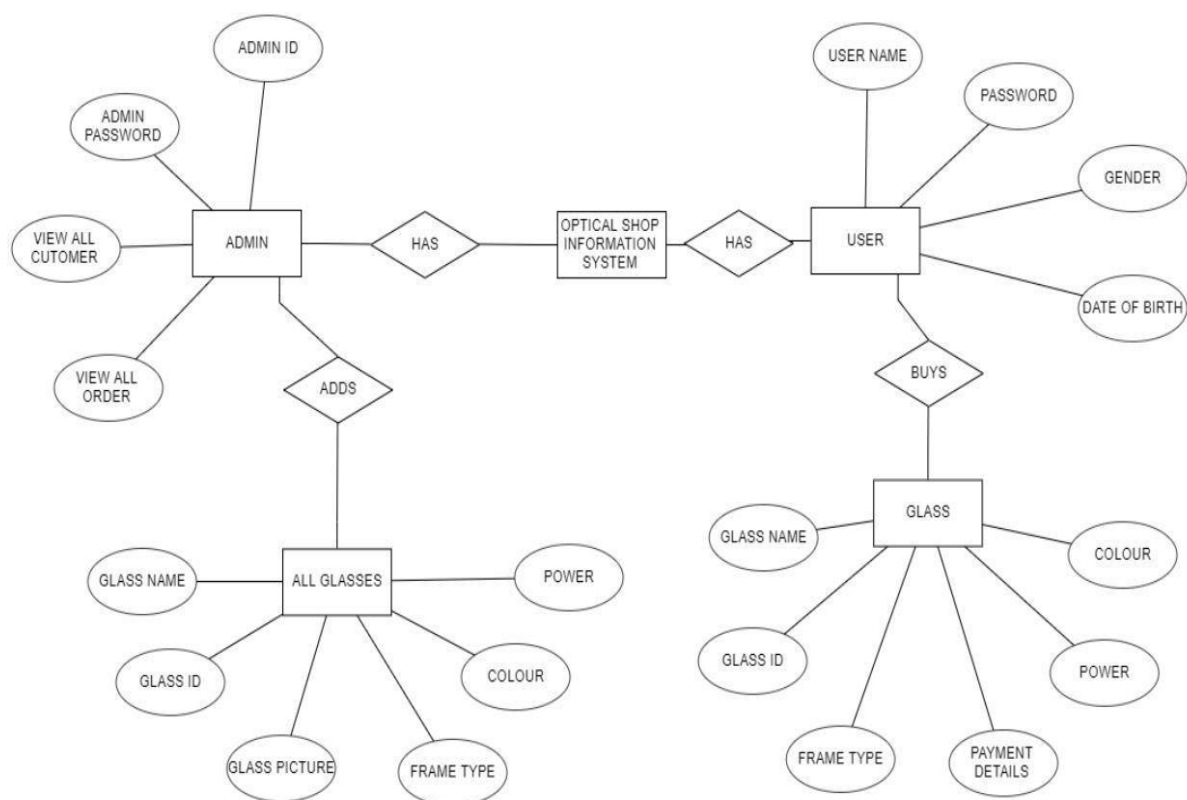
CHAPTER 5

5.MODULE DESCRIPTION:

5.1. INTRODUCTION:

A MODULE DESCRIPTION PROVIDES DETAILED INFORMATIONS ABOUT THE MODULE AND ITS SUPPORTED COMPONENTS , WHICH IS ACCESSIBLE IN DIFFERENT MANNERS.

5.2. MODULES:

5.2.1 Admin Module:

- Login the account with correct user name and password.
- Add the all types of frames and glasses
- View all the customer details.
- Manage the all types of glasses
- View the orders and payment methods
- Deliver the orders.
- Logout .

5.2.2 User Module:

- Register new account
- Login the correct username and the password.
- After verifying the account ,user can buy the glasses based on the power
- Serarch for glasses
- Select the glass to buy
- Add the account details.
- Mode of payment.
- Ordered the glass
- Logout.

5.2.3 Cart Module:

- Search by brand

- Selecting product
- Product details
- Buying the product
- Entering the payment details
- Conforming order

5.2.4.1 Register / Sign Up module:

- User name
- User gender
- User Password
- User Mail ID
- User Mobile number
- User Address
- User profile photo

5.2.4.2 Sign Up Module:

- User ID
- Password

CHAPTER 6

6.CONCLUSION:

In this project we proposed the E-Opticals management system, A Frame work for building personalized classification models. The existing method is totally waste of time and energy, So we implemented a Online optical shopping website using PHP(Hypertext Pre-Processor). So Far as we know this process is the latest model of online shopping website for the customers.

CHAPTER 7

APPENDIX

SOURCE CODING

Index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />
    <link href="fontawesome/css/all.min.css" rel="stylesheet" />
    <link href="css/templatemo-comparto.css" rel="stylesheet" />
    <title>Lens World</title>
<!--
Comparto TemplateMo
https://templatemo.com/tm-544-comparto
-->
</head>
<body>
    <!-- Back to top button -->
     <div class="container-fluid">
       <div class="tm-site-header tm-mb-1">
          <div class="tm-site-name-container tm-bg-color-1">
             <h1 class="tm-text-white" align="center">Welcome to Lens
World</h1>
          </div>
          <div class="tm-nav-container tm-bg-color-8">
```

```html
<nav class="tm-nav" id="tm-nav">
  <ul>
    <li class="tm-nav-item current">
      <a href="index.html" class="tm-nav-link">
        <span>Home</span>
      </a>
    </li>
    <li class="tm-nav-item">
      <a href="AdminLogin.jsp" class="tm-nav-link">
        <span>Admin</span>
      </a>
    </li>
    <li class="tm-nav-item">
      <a href="UserLogin.jsp" class="tm-nav-link">
        <span>User</span>
      </a>
    </li>
    <li class="tm-nav-item">
      <a href="Sign.jsp" class="tm-nav-link">
        <span class="tm-nav-text">Sign-up</span>
      </a>
    </li>
  </ul>
</nav>
</div>
</div>
```

```html
        <section class="tm-mb-1" id="about">

          <div class="tm-row tm-about-row">

            <div class="tm-section-1-l">

                <img src="img/sp.jpg" alt="About image" class="tm-img-responsive">

            </div>

            <article class="tm-section-1-r tm-bg-color-8">

                <h2 class="tm-mb-2 tm-title-color">About Us</h2>

                <p>From sunglasses to reading glasses, we have everything that can help you see this beautiful world with more clarity.

                </p>

                <p> We have it all. everyday basics. Everyday fashion. Evening wear. Not just that, we update our styles often to keep up with fashion trends around the globe, taking inspiration from fashion capitals and the best designers of the world.

                </p>

                <p>No middleman simply means no middle ground. Our products come straight from the manufacturer, hence getting rid of all extra costs and burden.

                </p>

                <P>We provide high quality eye wear to many people at affordable prices.</P>

            </article>

          </div>

        </section>

      </div>
</body> </html>
```

AUser.jsp

```html
<!DOCTYPE html>
```

```html
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />
    <link href="fontawesome/css/all.min.css" rel="stylesheet" />
    <link href="css/templatemo-comparto.css" rel="stylesheet" />
    <title>Implementation of the Management of an Optical Information
System</title>
<!--

Comparto TemplateMo

https://templatemo.com/tm-544-comparto

-->
</head>
<body>
    <!-- Back to top button -->
    <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>
    <div class="container-fluid">
        <div class="tm-site-header tm-mb-1">
            <div class="tm-site-name-container tm-bg-color-1">
                <h1 class="tm-text-white" align="center">Implementation of the
Management of an Optical Information System</h1>
            </div>
            <div class="tm-nav-container tm-bg-color-8">
                <nav class="tm-nav" id="tm-nav">
                    <ul>
```

```html
            <li class="tm-nav-item current">
              <a href="AUser.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.01</span>
                <span>Home</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="Viewspec1.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.02</span>
                <span>View Specs</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="status1.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.03</span>
                <span>Status</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="index.html" class="tm-nav-link">
                <span class="tm-nav-text tm-mb-1">.04</span>
                <span class="tm-nav-text">Logout</span>
              </a>
            </li>
          </ul>
        </nav>
      </div>
```

```html
        </div>
        <section class="tm-mb-1" id="about">
            <div class="tm-row tm-about-row">
                <div class="tm-section-1-l">
                    <%
                    String name=session.getAttribute("name").toString();
                    String id=session.getAttribute("id").toString();
                    String profile=session.getAttribute("profile").toString();
                    %>
                    <img src="profile/<%=profile%>" alt="About image"
style="width:800px; height: 800px;" class="tm-img-responsive">
                </div>
                <article class="tm-section-1-r tm-bg-color-8">
                <h2 class="tm-mb-2 tm-title-color">.01 Implementation of the
Management of an Optical Information System Management System</h2>
                    <p>This is a web application it contains most of the

                        features of an Online Shopping Website.
                    </p>
                    <p> This application runs over the internet. So it is

                        available for customer 24X7. They can shop anytime and from
anywhere.
                    </p>
                    <p>Payment option is

                        through credit card. This system also maintains stock of all the
products being sold online.

                        When product quantity goes below reorder level it starts showing
on the admin home page.
                    </p>
```

```html
            <a href="#services" class="tm-btn tm-btn-1 tm-link-to-
services">More Detail</a>
          </article>
        </div>
    </section>
</body>
</html>
```

Add.jsp

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />
    <link href="fontawesome/css/all.min.css" rel="stylesheet" />
    <link href="css/templatemo-comparto.css" rel="stylesheet" />
    <title>Implementation of the Management of an Optical Information
System</title>
<!--

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-->
</head>
<body>
    <!-- Back to top button -->
```

```html
<a id="button"><i class="fas fa-angle-up fa-2x"></i></a>
<div class="container-fluid">
  <div class="tm-site-header tm-mb-1">
    <div class="tm-site-name-container tm-bg-color-1">
      <h1 class="tm-text-white" align="center">Implementation of the
Management of an Optical Information System</h1>
    </div>
    <div class="tm-nav-container tm-bg-color-8">
      <nav class="tm-nav" id="tm-nav">
        <ul>
          <li class="tm-nav-item current">
            <a href="AdminHome.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.01</span>
              <span>Home</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="Add.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.02</span>
              <span>Add</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="viewspec.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.03</span>
              <span>View</span>
            </a>
          </li>
```

```html
              <li class="tm-nav-item">
                <a href="status.jsp" class="tm-nav-link">
                  <span class="tm-nav-text tm-mb-1">.04</span>
                  <span class="tm-nav-text">View Status</span>
                </a>
              </li>
            </ul>
          </nav>
        </div>
      </div>
      <section class="tm-mb-1" id="about">
        <div class="tm-row tm-about-row">
          <div class="tm-section-1-l">
            <img src="img/23.jpg" alt="About image" class="tm-img-responsive">
            <ul>
              <li class="tm-nav-item">
                <a href="index.html" class="tm-nav-link">
                  <span class="tm-nav-text tm-mb-1"></span>
                  <span class="tm-nav-text">Logout</span>
                </a>
              </li>
            </ul>
          </div>
            <article class="tm-section-1-r tm-bg-color-8">
  <style>
    table{
      width: 50%;
```

```
        color: darkmagenta;

        font-size: 20px;

      }

      tr,td{

        padding-bottom: 10px;

        border-radius: 20px;

        font-family: initial;

        width: 350px;

      }

    </style>

    <h2 align="center" style="margin-top: 20px; color:lightcoral; font-family:
cursive; font-weight: bold; font-size: 30px;">Add Specs Page!</h2><br>

    <form action="Addaction" method="post" enctype="multipart/form-data">

    <table align="center">

      <tr><td><strong>Glass Name: </strong></td><td>

          <select name="user" style="border-radius: 10px; height: 40px;
width: 300px;" required>

              <option>----Choose AnyOne---</option>

              <option>Power Glass</option>

              <option>Sun Glass</option>

              <option>Kid Glass</option>

              <option>Computer Glass</option>

              <option>Driving Glass</option>

          </select>

      </td></tr>

      <tr><td><strong>Brand: </strong></td><td>

          <select name="brand" style="border-radius: 10px; height:
40px;width: 300px;" required>
```

```html
        <option>----Choose AnyOne---</option>

        <option>RayBan</option>

        <option>IDEE</option>

        <option>Vogue</option>

        <option>Wayfarer</option>

        <option>Lens</option>

    </select>

</td></tr>

<tr><td><strong>Shape: </strong></td><td>

    <select name="shape" style="border-radius: 10px; height: 40px;
width: 300px;" required>

        <option>----Choose AnyOne---</option>

        <option>Rectangle</option>

        <option>Oval</option>

        <option>Round</option>

        <option>Heart</option>

    </select>

</td></tr>

<tr><td><strong>Size: </strong></td><td>

    <select name="size" style="border-radius: 10px; height: 40px;
width: 300px;" required>

        <option>----Choose AnyOne---</option>

        <option>Large</option>

        <option>Medium</option>

        <option>Small</option>

    </select>

</td></tr>

<tr><td><strong>Type: </strong></td><td>
```

```html
            <select name="type" style="border-radius: 10px; height: 40px;
width: 300px;" required>

                <option>----Choose AnyOne---</option>

                <option>Full Frame</option>

                <option>Half Frame</option>

                <option>Rimless</option>

            </select>

        </td></tr>

         <tr><td><strong>color: </strong></td><td>

            <select name="color" style="border-radius: 10px; height:
40px;width: 300px;" required>

                <option>----Choose AnyOne---</option>

                <option>Pink</option>

                <option>Black</option>

                <option>White</option>

                <option>Silver</option>

                <option>Purple</option>

                <option>Orange</option>

                <option>Skyblue</option>

            </select>

        </td></tr>

         <tr><td><strong>Image: </strong></td><td><input type="file"
name="file" accept="image/x-png,image/gif,image/jpeg"/></tr>

        <tr><td><strong>Cost: </strong></td><td><input type="text"
name="cost" style="border-radius: 10px; height: 40px;width: 300px;"
required></tr>

        <tr><td align="center" colspan="2"><button type="submit"
style="border-radius: 20px; height: 40px; width:120px;background-color:
darkslateblue; ">ADD</button></td></tr>

        </table>
```

```
        </form>

            </article>

        </div>

      </section>

</body>

</html>
```

AdminHome.jsp

```
<!DOCTYPE html>

<html lang="en">


<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />

    <link href="fontawesome/css/all.min.css" rel="stylesheet" />

    <link href="css/templatemo-comparto.css" rel="stylesheet" />

    <title>Implementation of the Management of an Optical Information
System</title>

<!--

Comparto TemplateMo

https://templatemo.com/tm-544-comparto

-->

</head>

<body>

    <!-- Back to top button -->
```

```html
<a id="button"><i class="fas fa-angle-up fa-2x"></i></a>
<div class="container-fluid">
  <div class="tm-site-header tm-mb-1">
    <div class="tm-site-name-container tm-bg-color-1">
      <h1 class="tm-text-white" align="center">Implementation of the Management of an Optical Information System</h1>
    </div>
    <div class="tm-nav-container tm-bg-color-8">
      <nav class="tm-nav" id="tm-nav">
        <ul>
          <li class="tm-nav-item current">
            <a href="AdminHome.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.01</span>
              <span>Home</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="Add.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.02</span>
              <span>Add</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="viewspec.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.03</span>
              <span>View</span>
            </a>
          </li>
```

```html
            <li class="tm-nav-item">
              <a href="status.jsp" class="tm-nav-link">
                <span class="tm-nav-text tm-mb-1">.04</span>
                <span class="tm-nav-text">View Status</span>
              </a>
            </li>
          </ul>
        </nav>
      </div>
    </div>
    <section class="tm-mb-1" id="about">
      <div class="tm-row tm-about-row">
        <div class="tm-section-1-l">
          <img src="img/23.jpg" alt="About image" class="tm-img-responsive">
        </div>
        <article class="tm-section-1-r tm-bg-color-8">
        <h2 class="tm-mb-2 tm-title-color">.01 Implementation of the Management of an Optical Information System Management System</h2>
          <p>This is a web application it contains most of the
            features of an Online Shopping Website.
          </p>
          <p> This application runs over the internet. So it is
            available for customer 24X7. They can shop anytime and from anywhere.
          </p>
          <p>Payment option is
            through credit card. This system also maintains stock of all the products being sold online.
```

When product quantity goes below reorder level it starts showing on the admin home page.

```
        </p>
      </article>
    </div>
  </section>
  <ul>
      <li class="tm-nav-item">
          <a href="index.html" class="tm-nav-link">
            <span class="tm-nav-text tm-mb-1"></span>
            <span class="tm-nav-text">Logout</span>
          </a>
      </li>
      </ul>
</body>
</html>
```

AdminLogin.jsp

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <meta http-equiv="X-UA-Compatible" content="ie=edge">
  <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />
  <link href="fontawesome/css/all.min.css" rel="stylesheet" />
  <link href="css/templatemo-comparto.css" rel="stylesheet" />
```

```html
    <title>Implementation of the Management of an Optical Information System</title>
<!--

Comparto TemplateMo

https://templatemo.com/tm-544-comparto

-->

</head>

<body>

    <!-- Back to top button -->

    <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>

    <div class="container-fluid">

        <div class="tm-site-header tm-mb-1" style="font-family: cursive">

            <div class="tm-site-name-container tm-bg-color-1" >

                <h1 class="tm-text-white" align="center">Implementation of the Management of an Optical Information System</h1>

            </div>

            <div class="tm-nav-container tm-bg-color-8">

                <nav class="tm-nav" id="tm-nav">

                    <ul>

                        <li class="tm-nav-item current">

                            <a href="index.html" class="tm-nav-link">

                                <span class="tm-mb-1">.01</span>

                                <span>Home</span>

                            </a>

                        </li>

                        <li class="tm-nav-item">

                            <a href="AdminLogin.jsp" class="tm-nav-link">

                                <span class="tm-mb-1">.02</span>
```

```html
                    <span>Admin</span>
                  </a>
                </li>
                <li class="tm-nav-item">
                  <a href="UserLogin.jsp" class="tm-nav-link">
                    <span class="tm-mb-1">.03</span>
                    <span>User</span>
                  </a>
                </li>
                <li class="tm-nav-item">
                  <a href="Sign.jsp" class="tm-nav-link">
                    <span class="tm-nav-text tm-mb-1">.04</span>
                    <span class="tm-nav-text">Sign-up</span>
                  </a>
                </li>
              </ul>
            </nav>
          </div>
        </div>
        <section class="tm-mb-1" id="about">
          <div class="tm-row tm-about-row">
            <div class="tm-section-1-l">
              <img src="img/23.jpg" alt="About image" class="tm-img-
responsive">
            </div>
            <article class="tm-section-1-r tm-bg-color-8">
 <style>
     table{
```

```
        font-family: cambria;

        width: 50%;

        color: darkmagenta;

        font-size: 20px;

    }

    tr,td{

        padding-bottom: 10px;

        border-radius: 20px;

        font-family: cursive;

    }


  </style>

    <h2 align="center" style="margin-top: 20px; color:lightcoral; font-family:
cursive; font-weight: bold; font-size: 30px;">Admin Login Page!</h2><br>

    <form action="log.jsp" >

    <table align="center">

    <tr><td><strong>Username: </strong></td><td><input type="text"
name="user" style="border-radius: 10px; height: 40px;" required></td></tr>

    <tr><td><strong>Password: </strong></td><td><input type="password"
name="pass" style="border-radius: 10px; height: 40px;"
required></td></tr><br>

    <tr><td align="center" colspan="2"><button type="submit"
style="border-radius: 20px; height: 40px; width:120px;background-color:
darkslateblue; ">LOGIN</button></td></tr>

    </table>

    </form>

        </article>

      </div>

    </section>
```

```
</body>

</html>
```

Sign.jsp

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />

    <link href="fontawesome/css/all.min.css" rel="stylesheet" />

    <link href="css/templatemo-comparto.css" rel="stylesheet" />

    <title>Implementation of the Management of an Optical Information
System</title>

<!--

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-->

</head>

<body>

    <!-- Back to top button -->

    <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>

    <div class="container-fluid">

        <div class="tm-site-header tm-mb-1" style="font-family: cursive">

            <div class="tm-site-name-container tm-bg-color-1" >
```

```html
          <h1 class="tm-text-white" align="center">Implementation of the
Management of an Optical Information System</h1>
      </div>
      <div class="tm-nav-container tm-bg-color-8">
        <nav class="tm-nav" id="tm-nav">
          <ul>
            <li class="tm-nav-item current">
              <a href="index.html" class="tm-nav-link">
                <span class="tm-mb-1">.01</span>
                <span>Home</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="AdminLogin.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.02</span>
                <span>Admin</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="UserLogin.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.03</span>
                <span>User</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="Sign.jsp" class="tm-nav-link">
                <span class="tm-nav-text tm-mb-1">.04</span>
                <span class="tm-nav-text">Sign-up</span>
```

```html
                </a>
              </li>
            </ul>
          </nav>
        </div>
      </div>
      <section class="tm-mb-1" id="about">
        <div class="tm-row tm-about-row">
          <div class="tm-section-1-l">
            <img src="img/23.jpg" alt="About image" class="tm-img-
responsive">
          </div>
          <article class="tm-section-1-r tm-bg-color-8">
 <style>
    table{
        font-family: cambria;
        width: 50%;
        color: darkmagenta;
        font-size: 20px;
    }
    tr,td{
        padding-bottom: 10px;
        border-radius: 20px;
        font-family: cursive;
    }

  </style>
      <style>
```

```css
        table{
          width: 50%;
          color: darkmagenta;
          font-size: 20px;
        }
        tr,td{
          padding-bottom: 10px;
          border-radius: 20px;
          font-family: initial;
          width: 350px;
        }
    </style>
```

```html
    <h2 align="center" style="margin-top: 20px; color:lightcoral; font-family:
cursive; font-weight: bold; font-size: 30px;">Register User Page!</h2><br>
    <form action="regaction" method="post" enctype="multipart/form-data">
    <table align="center">
     <tr><td><strong>Name: </strong></td><td><input type="type"
name="user" style="border-radius: 10px; height: 40px;width: 300px;"
required></tr>
     <tr><td><strong>Password: </strong></td><td><input type="password"
name="pass" style="border-radius: 10px; height: 40px;width: 300px;"
required></tr>
     <tr><td><strong>Gender: </strong></td><td>
    <input type="radio" id="male" name="gender" value="male" required>
    <label for="male">Male</label>
    <input type="radio" id="female" name="gender" value="female"
required>
    <label for="female">Female</label>
    <input type="radio" id="other" name="gender" value="other" required>
```

```html
        <label for="other">Other</label>

       </tr>

       <tr><td><strong>Mail-ID: </strong></td><td><input type="email"
name="mail" style="border-radius: 10px; height: 40px;width: 300px;"
required></tr>

       <tr><td><strong>Mobile: </strong></td><td><input type="number"
name="mobile" style="border-radius: 10px; height: 40px;width: 300px;"
required></tr>

       <tr><td><strong>Address: </strong></td><td><textarea name="address"
style="border-radius: 10px; height: 140px;width: 300px;"
required></textarea></tr>

       <tr><td><strong>Profile: </strong></td><td><input type="file"
name="profile" style="border-radius: 10px; height: 20px; width: 300px;"
required></tr>

       <tr><td align="center" colspan="2"><button type="submit"
style="border-radius: 20px; height: 40px; width:120px;background-color:
darkslateblue; ">ADD</button></td></tr>

      </table>

     </form>

      </article>

        </div>

     </section>

     </body>

</html>
```

UserLogin.jsp

```html
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```html
    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />

    <link href="fontawesome/css/all.min.css" rel="stylesheet" />

    <link href="css/templatemo-comparto.css" rel="stylesheet" />

    <title>Implementation of the Management of an Optical Information
System</title>

<!--

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-->

</head>

<body>

    <!-- Back to top button -->

    <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>

    <div class="container-fluid">

        <div class="tm-site-header tm-mb-1" style="font-family: cursive">

            <div class="tm-site-name-container tm-bg-color-1" >

                <h1 class="tm-text-white" align="center">Implementation of the
Management of an Optical Information System</h1>

            </div>

            <div class="tm-nav-container tm-bg-color-8">

                <nav class="tm-nav" id="tm-nav">

                    <ul>

                        <li class="tm-nav-item current">

                            <a href="index.html" class="tm-nav-link">

                                <span class="tm-mb-1">.01</span>

                                <span>Home</span>
```

```html
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="AdminLogin.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.02</span>
              <span>Admin</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="UserLogin.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.03</span>
              <span>User</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="Sign.jsp" class="tm-nav-link">
              <span class="tm-nav-text tm-mb-1">.04</span>
              <span class="tm-nav-text">Sign-up</span>
            </a>
          </li>
        </ul>
      </nav>
    </div>
  </div>
  <section class="tm-mb-1" id="about">
    <div class="tm-row tm-about-row">
      <div class="tm-section-1-l">
```

```html
            <img src="img/23.jpg" alt="About image" class="tm-img-
responsive">
          </div>
          <article class="tm-section-1-r tm-bg-color-8">
 <style>
    table{
      font-family: cambria;
      width: 50%;
      color: darkmagenta;
      font-size: 20px;
    }
    tr,td{
      padding-bottom: 10px;
      border-radius: 20px;
      font-family: cursive;
    }
  </style>
    <h2 align="center" style="margin-top: 20px; color:lightcoral; font-family:
cursive; font-weight: bold; font-size: 30px;">User Login Page!</h2><br>
    <form action="log1.jsp" >
    <table align="center">
      <tr><td><strong>Username: </strong></td><td><input type="text"
name="user" style="border-radius: 10px; height: 40px;" required></td></tr>
      <tr><td><strong>Password: </strong></td><td><input type="password"
name="pass" style="border-radius: 10px; height: 40px;"
required></td></tr><br>
      <tr><td align="center" colspan="2"><button type="submit"
style="border-radius: 20px; height: 40px; width:120px;background-color:
darkslateblue; ">LOGIN</button></td></tr>
      </table>
```

```
            </form>

                </article>

            </div>

        </section>

        </body>

</html>
```

View.jsp

```jsp
<%@page import="java.sql.*"%>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />

    <link href="fontawesome/css/all.min.css" rel="stylesheet" />

    <link href="css/templatemo-comparto.css" rel="stylesheet" />

    <title>Implementation of the Management of an Optical Information
System</title>

<!--

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</head>

<body>

    <!-- Back to top button -->

    <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>
```

```
<div class="container-fluid">
  <div class="tm-site-header tm-mb-1">
    <div class="tm-site-name-container tm-bg-color-1">
      <h1 class="tm-text-white" align="center">Implementation of the
Management of an Optical Information System</h1>
    </div>
    <div class="tm-nav-container tm-bg-color-8">
      <nav class="tm-nav" id="tm-nav">
        <ul>
          <li class="tm-nav-item current">
            <a href="AdminHome.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.01</span>
              <span>Home</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="Add.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.02</span>
              <span>Add</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="View.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.03</span>
              <span>View</span>
            </a>
          </li>
          <li class="tm-nav-item">
```

```html
                    <a href="status.jsp" class="tm-nav-link">
                        <span class="tm-nav-text tm-mb-1">.04</span>
                        <span class="tm-nav-text">View Status</span>
                    </a>
                </li>
            </ul>
        </nav>
    </div>
</div>
<section class="tm-mb-1" id="about">
    <div class="tm-row tm-about-row">
        <article class="tm-section-1-r tm-bg-color-8">
            <style>
table{
    font-family: cambria;
    width: 50%;
    color: #007bff;
    margin-left: 25%;
    font-size: 20px;
    }
table,tr,td{
    padding-bottom: 10px;
    border: #0056b3 2px solid;
    border-collapse: collapse;
}
</style>
<h2 style="color:darkslateblue;font-family: cambria;font-weight: bold; font-size: 30px;">View All Specs</h2><br>
```

```
    <table align="center" border="1" style="width: 50% !important; margin-left:
3px;line-height: 1.7;background: aliceblue;border-radius: 12px;text-align:
left;color: black;text-transform: capitalize;">
                        <tr style="color: navy;font-weight: bold">
                        <td>Id</td>
                <td>Glass</td>
                        <td>Brand</td>
                        <td>Shape</td>
                        <td>Size</td>
                        <td>Type</td>
                        <td>Color</td>
                        <td>Image</td>
                </tr>
                 <%
        Class.forName("com.mysql.jdbc.Driver");

         Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/optical","root","roo
t");

            PreparedStatement query=con.prepareStatement("select * from
addoptical ");

        ResultSet rs=query.executeQuery();

                        while(rs.next())

                        {

                %>

                                <tr>
<td><%=rs.getString("id") %></td>

<td><img src="profile/<%=rs.getString("image") %>" style="width: 250px;
height: 150px; border-radius: 10px;"></td>
```

```
                    <td><u><a
href="view1.jsp?id=<%=rs.getString("id")%>&&name=<%=rs.getString("gna
me")%>"><%=rs.getString("brand") %></a></u></td>

                <td><%=rs.getString("gname") %></td>

                <td><%=rs.getString("shape") %></td>
                    <td><%=rs.getString("size") %></td>
                    <td><%=rs.getInt("type") %></td>
                    <td><%=rs.getString("color") %></td>
                    <td><%=rs.getInt("image") %></td>
                </tr>
                  <%
                        }
                  %>
                </table>
        </article>
      </div>
    </section>
    </body>
</html>
```

Viewspecs.jsp
```
<!DOCTYPE html>
<html lang="en">


<head>
   <meta charset="UTF-8">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />

    <link href="fontawesome/css/all.min.css" rel="stylesheet" />

    <link href="css/templatemo-comparto.css" rel="stylesheet" />

    <title>Implementation of the Management of an Optical Information
System</title>

<!--

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-->

</head>

<body>

    <!-- Back to top button -->

    <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>

    <div class="container-fluid">

        <div class="tm-site-header tm-mb-1">

            <div class="tm-site-name-container tm-bg-color-1">

                <h1 class="tm-text-white" align="center">Implementation of the
Management of an Optical Information System</h1>

            </div>

            <div class="tm-nav-container tm-bg-color-8">

                <nav class="tm-nav" id="tm-nav">

                    <ul>

                        <li class="tm-nav-item current">

                            <a href="AUser.jsp" class="tm-nav-link">

                                <span class="tm-mb-1">.01</span>
```

```html
            <span>Home</span>
          </a>
        </li>
        <li class="tm-nav-item">
          <a href="Viewspec1.jsp" class="tm-nav-link">
            <span class="tm-mb-1">.02</span>
            <span>View Specs</span>
          </a>
        </li>
        <li class="tm-nav-item">
          <a href="status1.jsp" class="tm-nav-link">
            <span class="tm-mb-1">.03</span>
            <span>Status</span>
          </a>
        </li>
        <li class="tm-nav-item">
          <a href="index.html" class="tm-nav-link">
            <span class="tm-nav-text tm-mb-1">.04</span>
            <span class="tm-nav-text">Logout</span>
          </a>
        </li>
      </ul>
    </nav>
  </div>
</div>
<section class="tm-mb-1" id="about">
  <div class="tm-row tm-about-row">
```

```html
        <style>
    table{
        width: 50%;
        color: darkmagenta;
        font-size: 20px;
        margin-top: 150px;
    }
    tr,td{
        padding-bottom: 10px;
        border-radius: 20px;
        font-family: initial;
        width: 350px;
    }
    h3{
        color: lightpink;
        margin-left: 300px;
    }
</style>
            <%
            String name=session.getAttribute("name").toString();
            String id=session.getAttribute("id").toString();
            String profile=session.getAttribute("profile").toString();
            %>
            <h2 align="center">Choose our Brand</h2>
            <form action="searchaction.jsp">
            <table align="center">
                <tr><td><strong>Search By Brand: </strong></td><td>
```

```html
                    <select name="brand" style="border-radius: 10px; height:
20px; width: 250px; height: 30px" required>

                        <option>Choose one</option>

                        <option>RayBan</option>

                        <option>IDEE</option>

                        <option>Vogue</option>

                    </select>

                    </td></tr>

                    <tr><td align="center" colspan="2"><button type="submit"
style="border-radius: 20px; height: 40px; width:120px;background-color:
darkslateblue; ">Search</button></td></tr>

              </table>

              </form>

          </article>

        </div>

      </section>

      </body>

</html>
```

Cart.jsp

```jsp
<% @page import="java.sql.*"%>

<%

String id=request.getParameter("id");

String gname=request.getParameter("gname");

String shape=request.getParameter("shape");
```

```java
String size=request.getParameter("size");

String type=request.getParameter("type");

String color=request.getParameter("color");

String cost=request.getParameter("cost");

String uname=session.getAttribute("name").toString();

String uid=session.getAttribute("id").toString();

String accountno=request.getParameter("ano");

String ifscno=request.getParameter("ifsc");

String cvvno=request.getParameter("cvv");

try
        {
        Class.forName("com.mysql.jdbc.Driver");

        Connection
con=DriverManager.getConnection("jdbc:mysql://localhost:3306/optical","root
","root");

                PreparedStatement
query=con.prepareStatement("insert into
orders(id,gname,shape,size,typ,color,cost,uname,uid,accountno,ifscno,cvvno)va
lues
("'+id+"','"+gname+"','"+shape+"','"+size+"','"+type+"','"+color+"','"+cost+"','"+
uname+"','"+uid+"','"+accountno+"','"+ifscno+"','"+cvvno+"')");

        System.out.println(query);

        query.executeUpdate();

        System.out.println(query);

        out.println("<script>");

        out.println("alert(\"Ordered Successfully\")");

        out.println("</script>");


        RequestDispatcher
rd=request.getRequestDispatcher("Viewspec1.jsp");
```

```
                    rd.include(request,response);
                            }
            catch(Exception e){
                out.println("<script>");
                out.println("alert(\"Please Try Again..\")");
                out.println("</script>");

                RequestDispatcher rd=request.getRequestDispatcher("AUser.jsp");
                rd.include(request,response);
            }
%>
}
```

Status.jsp

```
<%@page import="java.sql.*"%>
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link href="https://fonts.googleapis.com/css?family=Open+Sans:400"
rel="stylesheet" />
    <link href="fontawesome/css/all.min.css" rel="stylesheet" />
    <link href="css/templatemo-comparto.css" rel="stylesheet" />
```

```html
    <title>Implementation of the Management of an Optical Information System</title>
<!--

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-->
</head>
<body>
  <!-- Back to top button -->
 <a id="button"><i class="fas fa-angle-up fa-2x"></i></a>
  <div class="container-fluid">
    <div class="tm-site-header tm-mb-1">
      <div class="tm-site-name-container tm-bg-color-1">
        <h1 class="tm-text-white" align="center">Implementation of the Management of an Optical Information System</h1>
      </div>
      <div class="tm-nav-container tm-bg-color-8">
        <nav class="tm-nav" id="tm-nav">
          <ul>
            <li class="tm-nav-item current">
              <a href="AdminHome.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.01</span>
                <span>Home</span>
              </a>
            </li>
            <li class="tm-nav-item">
              <a href="Add.jsp" class="tm-nav-link">
                <span class="tm-mb-1">.02</span>
```

```html
              <span>Add</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="viewspec.jsp" class="tm-nav-link">
              <span class="tm-mb-1">.03</span>
              <span>View</span>
            </a>
          </li>
          <li class="tm-nav-item">
            <a href="status.jsp" class="tm-nav-link">
              <span class="tm-nav-text tm-mb-1">.04</span>
              <span class="tm-nav-text">View Status</span>
            </a>
          </li>
        </ul>
      </nav>
    </div>
  </div>
  <section class="tm-mb-1" id="about">
    <div class="tm-row tm-about-row">
      <article class="tm-section-1-r tm-bg-color-8" style="width: 1300px;">
        <style>
  table{
    font-family: cambria;
    width: 50%;
    color: #007bff;
```

```
        margin-left: 25%;

        font-size: 20px;


    }

    table,tr,td{

        padding-bottom: 10px;

        border: #0056b3 2px solid;

        border-collapse: collapse;

    }

 </style>

   <h2 style="color:darkslateblue;font-family: cambria;font-weight: bold; font-
size: 30px;">View All Specs</h2><br>

   <table align="center" border="1" style="width: 90% !important; margin-left:
3px;line-height: 1.7;background: aliceblue;border-radius: 12px;text-align:
left;color: black;text-transform: capitalize;">

                        <tr style="color: navy;font-weight: bold">

                            <td>Id</td>

                            <td>Brand</td>

                            <td>Glass Name</td>

                            <td>Shape</td>

                            <td>Size</td>

                            <td>Type</td>

                            <td>Color</td>

                            <td>Status</td>

                            <td>Account No</td>

                            <td>IFSC No</td>

                            <td>CVV No</td>

                            <td>Action</td>
```

```
                            </tr>
                             <%

              Class.forName("com.mysql.jdbc.Driver");

              Connection con =
DriverManager.getConnection("jdbc:mysql://localhost:3306/optical","root","root");

              PreparedStatement query=con.prepareStatement("select * from
orders  ");

              ResultSet rs=query.executeQuery();

                            while(rs.next())

                            {

              String s=rs.getString("status");

                      %>

                                       <tr>

                                          <td><%=rs.getString("id")
%></td>

                            <td><%=rs.getString("gname") %></td>

                 <td><%=rs.getString("shape") %></td>

                            <td><%=rs.getString("size") %></td>

                            <td><%=rs.getString("typ") %></td>

                            <td><%=rs.getString("color") %></td>

                            <td><%=rs.getInt("cost") %></td>

                            <td><%=rs.getString("accountno") %></td>

                            <td><%=rs.getString("ifscno") %></td>

                            <td><%=rs.getString("cvvno") %></td>

                            <td><%=rs.getString("status") %></td>

                            <%
```
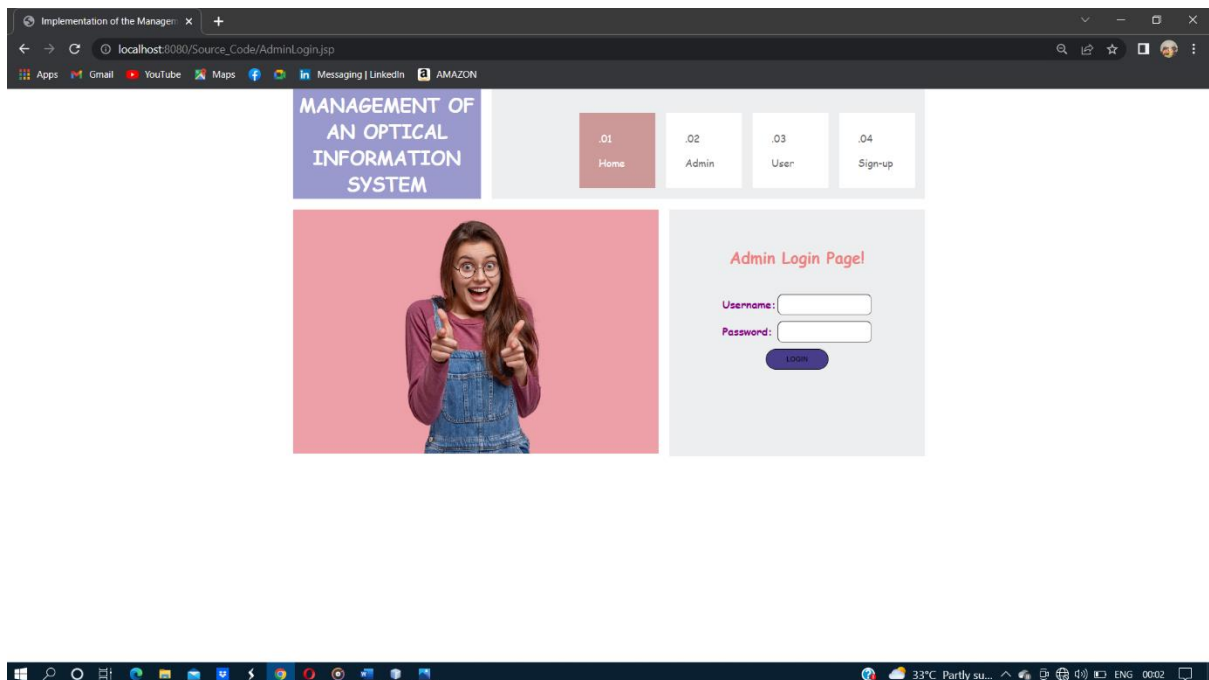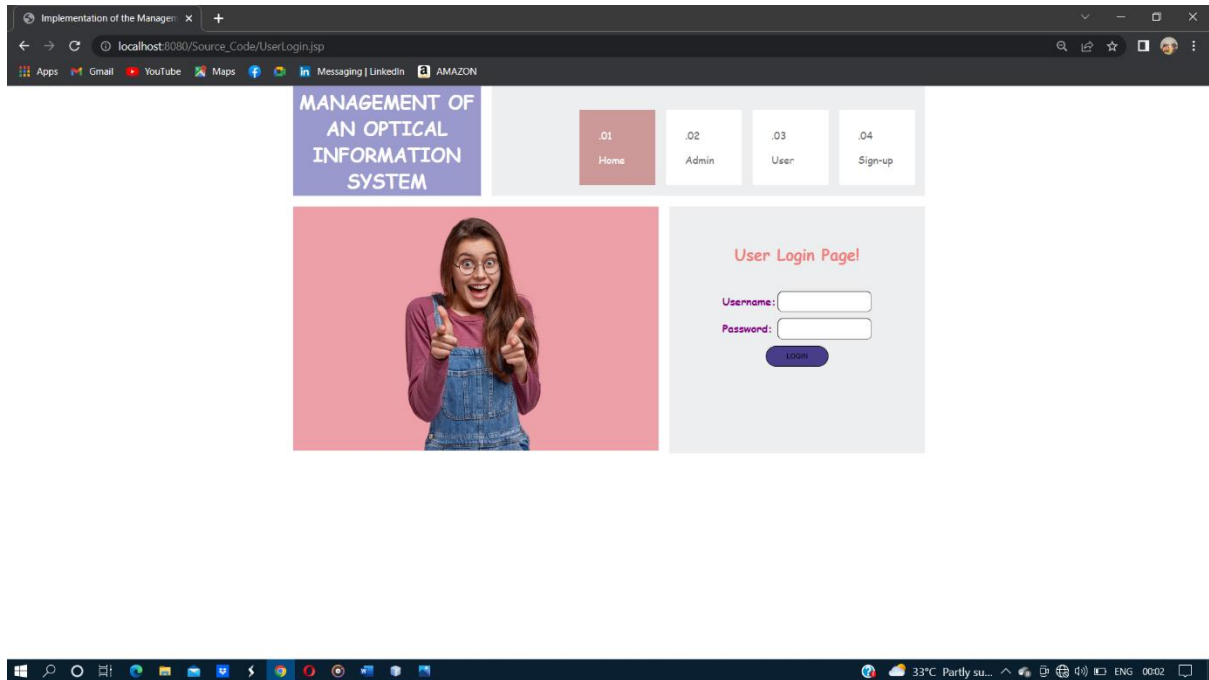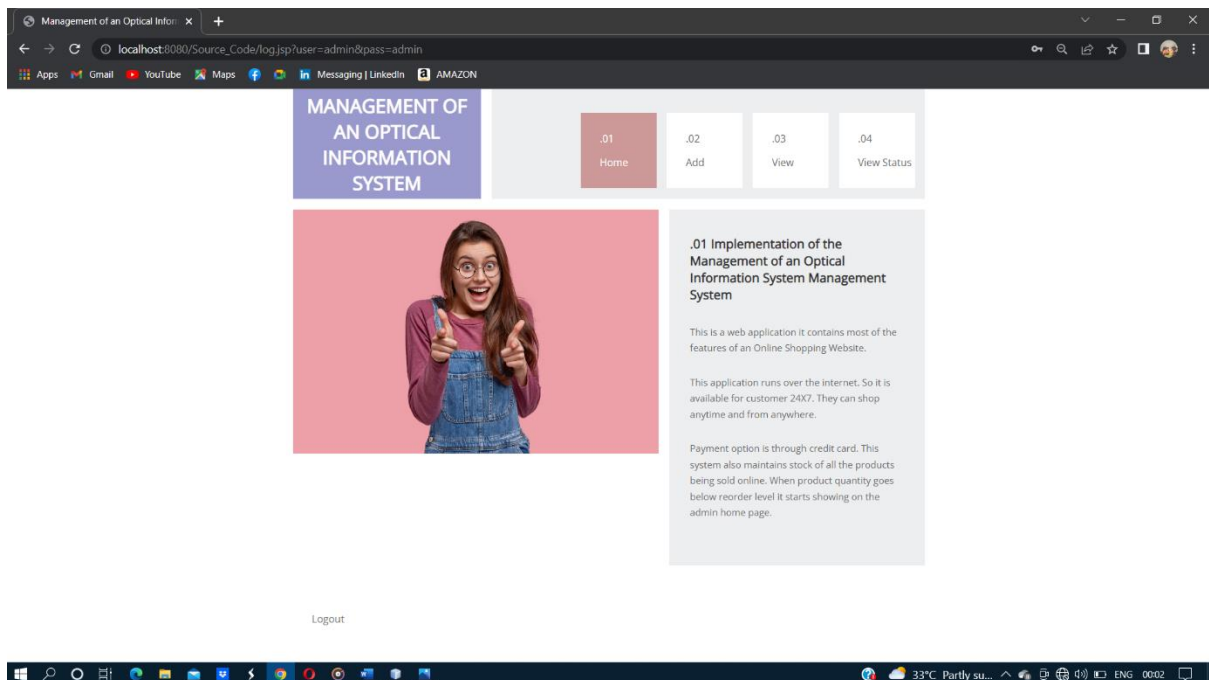
```jsp
                        if(s.equals("Waiting")){
                    %>
                    <td style="color: red;"><a
href="de.jsp?sno=<%=rs.getString("sno")%>">Waiting Stage</a></td>
                    <% } else{%>
                    <td style="color: darkgreen">Already
Assigned</td>
                    <% }%>
                </tr>
                 <%
                     }
                %>
                </table>
    <ul>
            <li class="tm-nav-item">
                <a href="index.html" class="tm-nav-link">
                    <span class="tm-nav-text tm-mb-1"></span>
                    <span class="tm-nav-text">Logout</span>
                </a>
            </li>
            </ul>
        </article>
      </div>
    </section>
</body>
</html>
```

INTERFACE

E-Opticals Home Page:
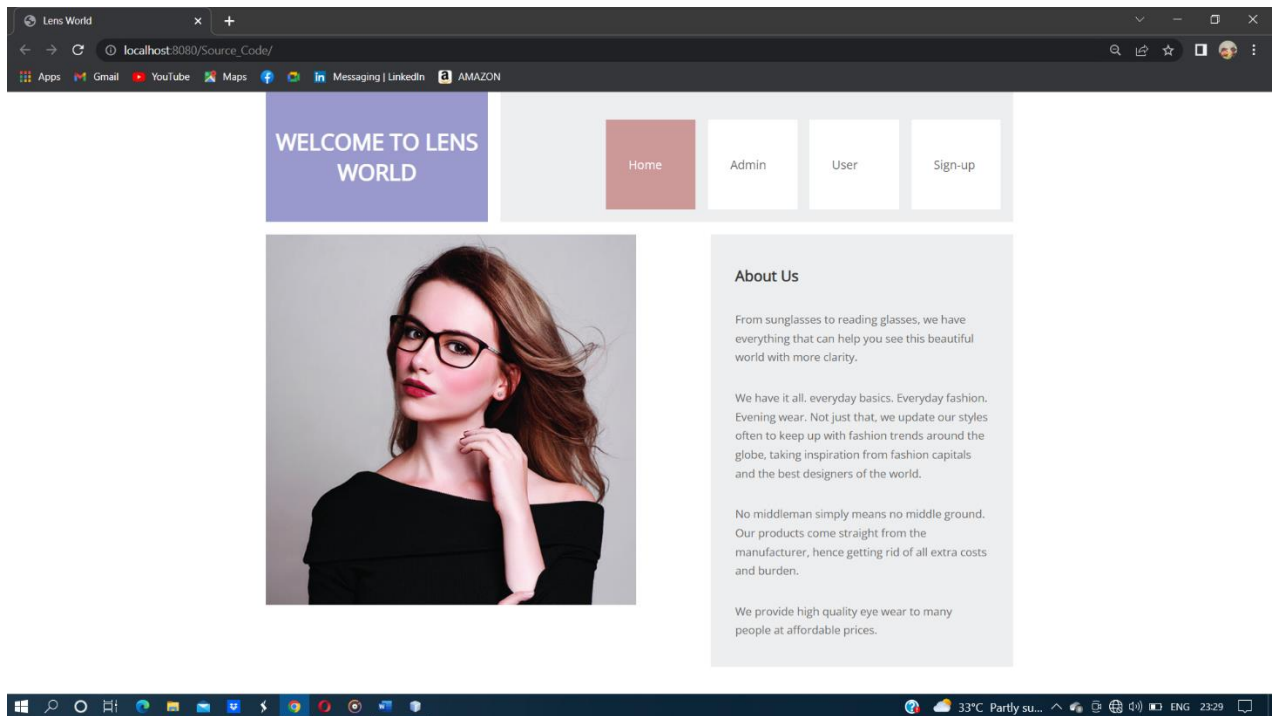
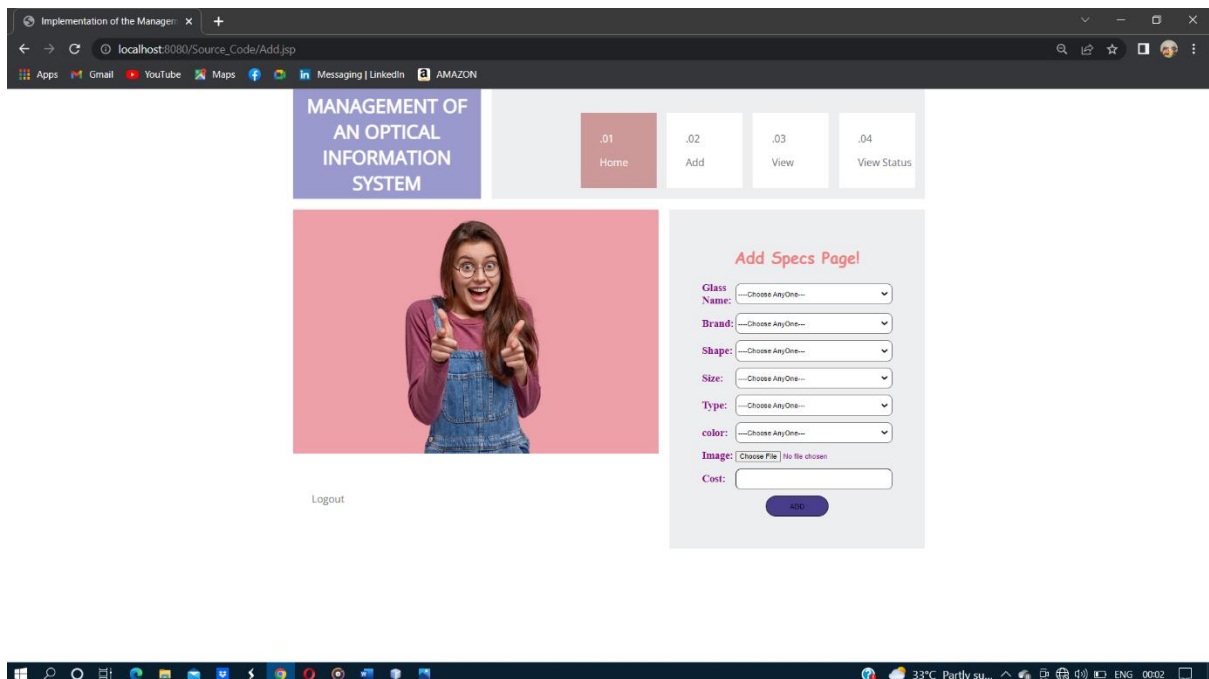## Admin LogIn Page:

User LogIn page:
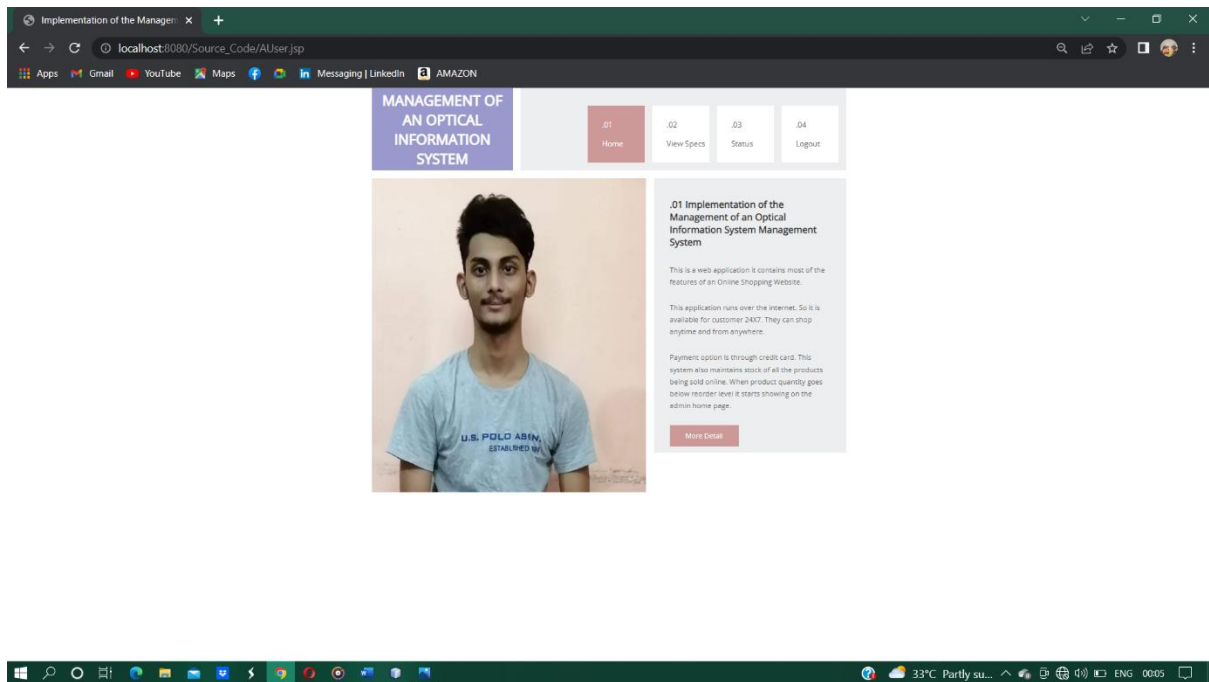

Admin Home Page:

Admin Order management Page:
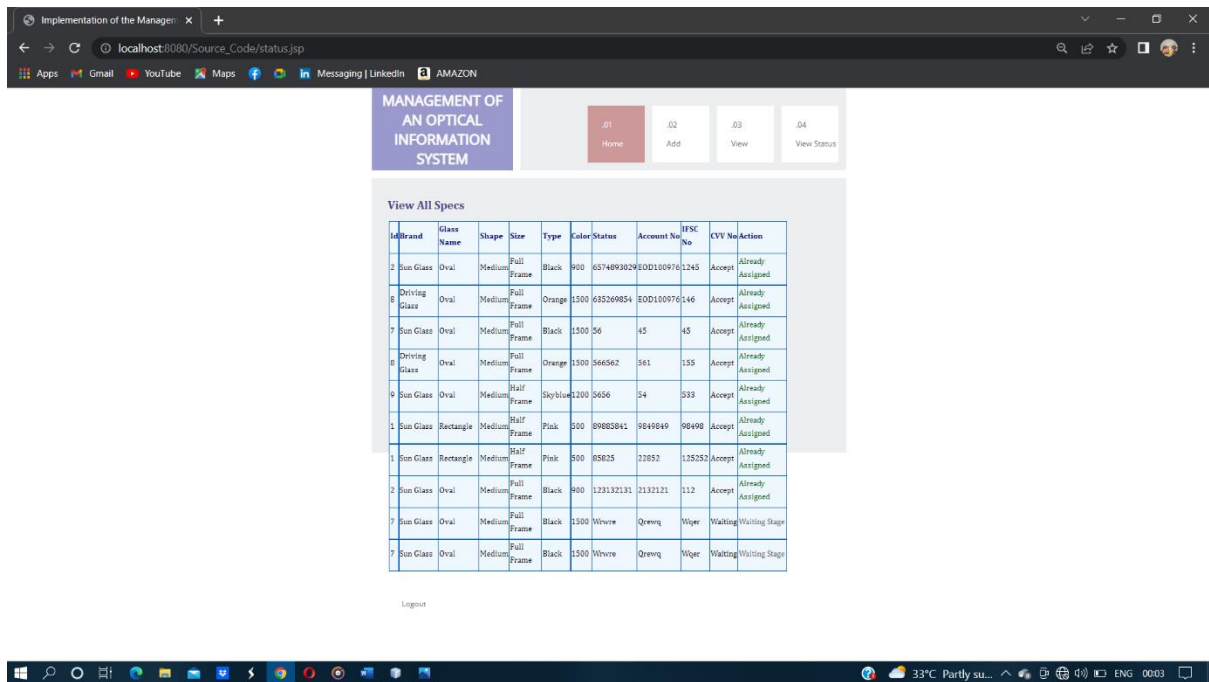
Admin optical management Page:

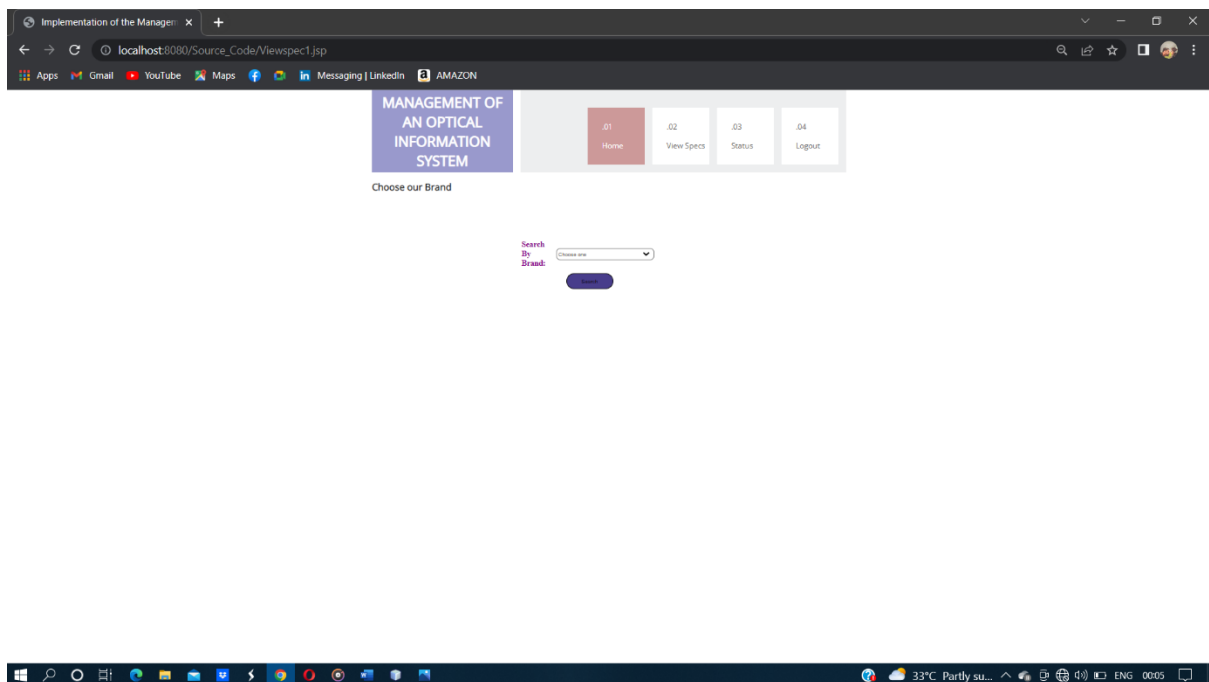**User Home Page:**

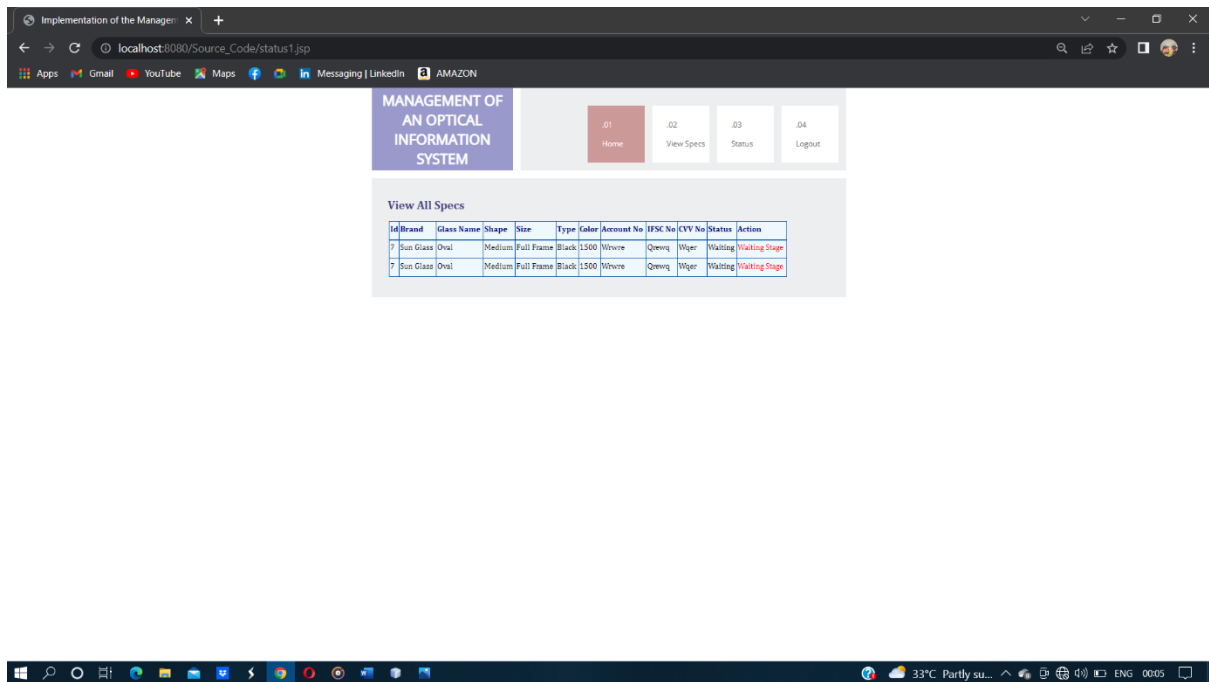**New User registration:iew Opticals By Brand:**

View ordered Status :

New User registration: